

Northern Red Oak

Quercus rubra



Type	Deciduous Tree
Height	60 - 80 Feet
Spread	40 - 50 Feet
Form	Rounded
Utilities	Incompatible
Growth Rate	Moderate
Life Expectancy	Long
USDA Zone	3 - 8
Root Type	Fibrous Deep



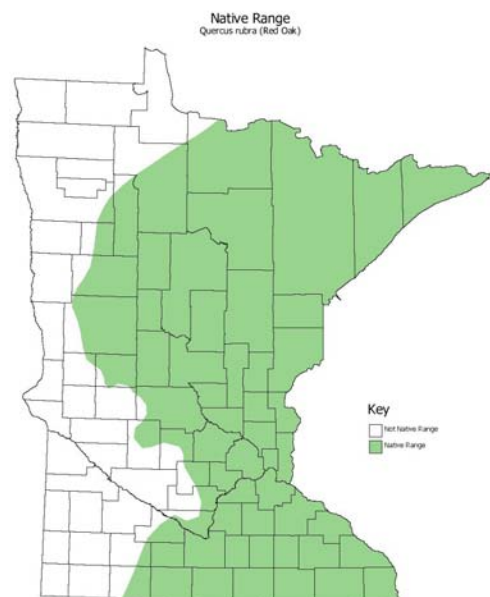
Plant Community

Sun	Full Sun through Partial Sun
Orientation	North or East
Soil Texture	Sandy Loam through Clay

Soil Water Holding Capacity	Xeric or Mesic
Topography	Upland

Plant Community Forest

Succession Climax



Origin MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 6, Minnesota or North America

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Flowers/Foliage/Fruit

Flower Color	Brown
Flower Season	Spring
Fruit	Nut
Fruit Color	Brown
Fruit Season	Autumn

Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Red
Winter Foliage	Bronze



Soils

Salt Spray	Sensitive
Soil Salt	Moderate
Compaction	Moderate
Water Table	30 Inches
Drainage	Moderate
Flood Tolerance	Intolerant
Drought Tolerance	Sensitive
Moisture Regime	Moist or Wet
pH	4 through 6.5

Planting Ease

Spring Bareroot	
Fall Bareroot	
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Windbreak Group WSG1 or WSG2



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Maintenance

Formal	Moderate
Informal	Low
2, 4-D Tolerance	Sensitive
DicambaTolerance	Sensitive
PicloramTolerance	Sensitive
Clpyralid Tolerance	
Artificial Light	
Sulfur Dioxide	Tolerant
Ozone Tolerance	Tolerant
Hydrogen Flouride	Moderate
Nitrogen Oxide	Tolerant



Pests/Problems

Allergens	both sexes 8
Invasivness	
Toxicity	Has toxic stems and leaves
Cold Injury	Infrequent
Storm Damage	Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating	High
Insect Concerns	Major
Disease Concerns	Minor
Wildlife Concerns	Rabbits

Comments

Susceptible to oak wilt. Withstands city conditions. Will develop chlorosis in high PH soils. Leaves persist into winter. Bare root plants require sweating; not recommended for fall planting. Toxicity reported with browsing livestock.